

WISCONSIN ARCHITECT

JANUARY, 1964

1



From a fountain of concrete shells ...inspiring church design

From the lantern-like tower that floods the main altar with natural light, concrete parabolas spill out in widening rings. The second tier forms a clerestory. In the lower cluster, the arches shelter monastic side altars.

On the interior of this new chapel of the Benedictine Priory, near St. Louis, Missouri, twenty parabolas echo the architectural theme. They rise from the floor to converge at the base of the tower.

Only shell concrete, with its fluid look, could bring such easy grace and modern simplicity to this circular plan which is basically one of the most ancient used for churches.

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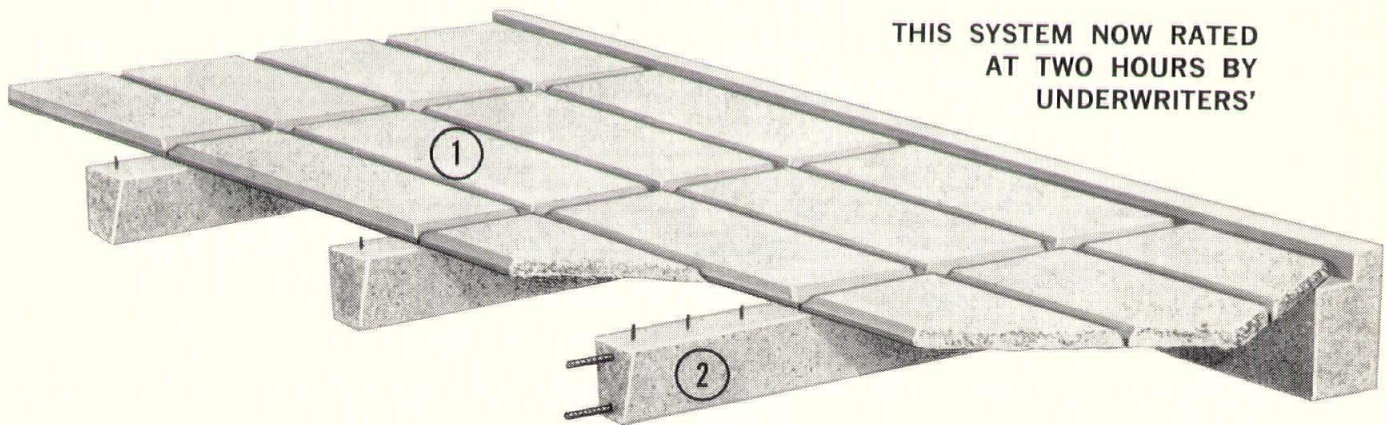
Architects: Hellmuth, Obata & Kassabaum, St. Louis.
Structural Engineer: John P. Nix, St. Louis. Structural
Consultant: Paul Weidinger, New York. Contractor:
McCarthy Bros. Constr. Co., St. Louis.



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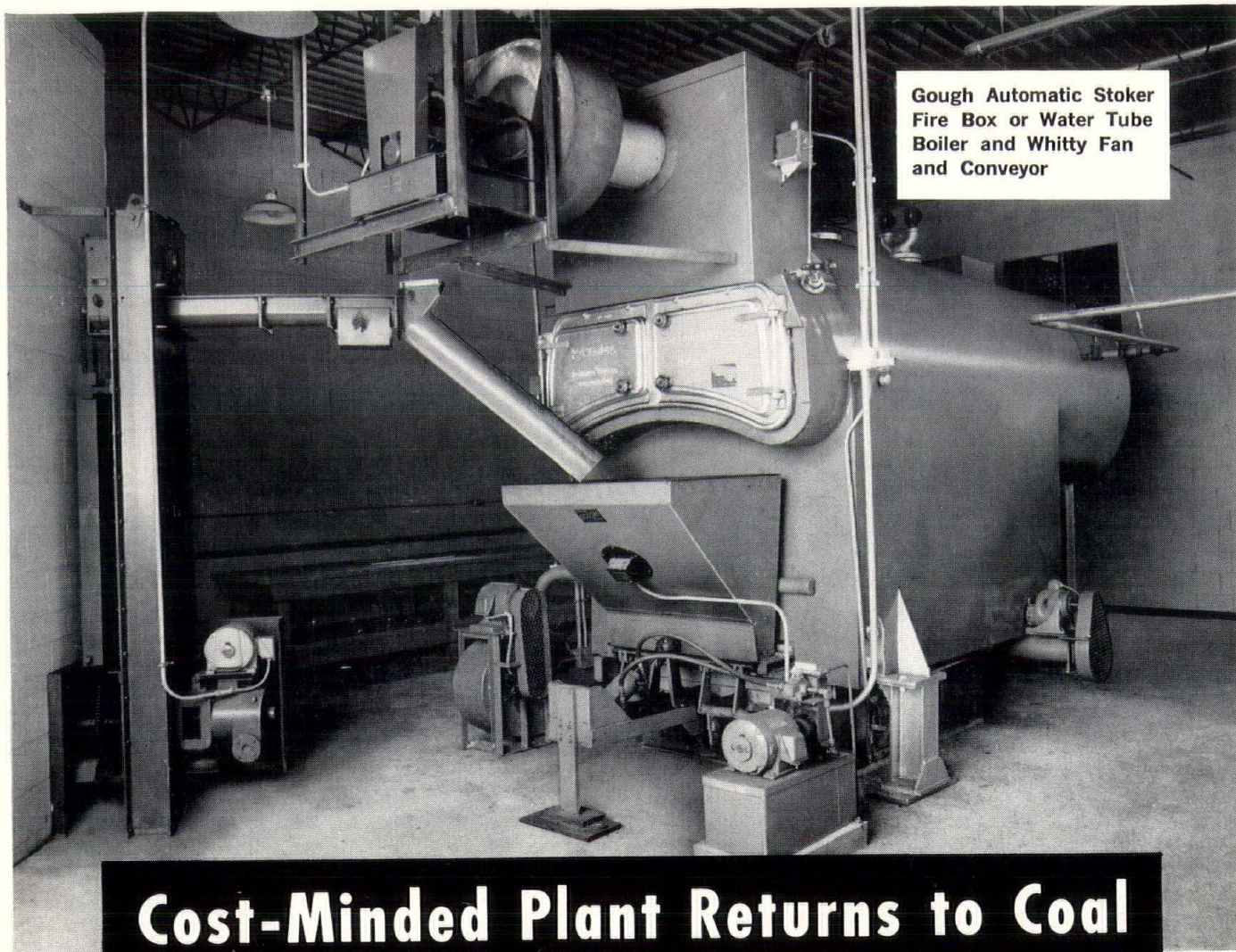
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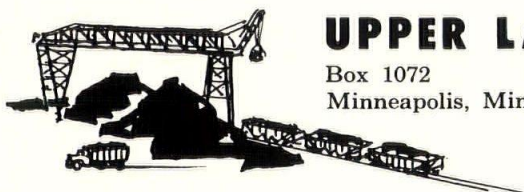
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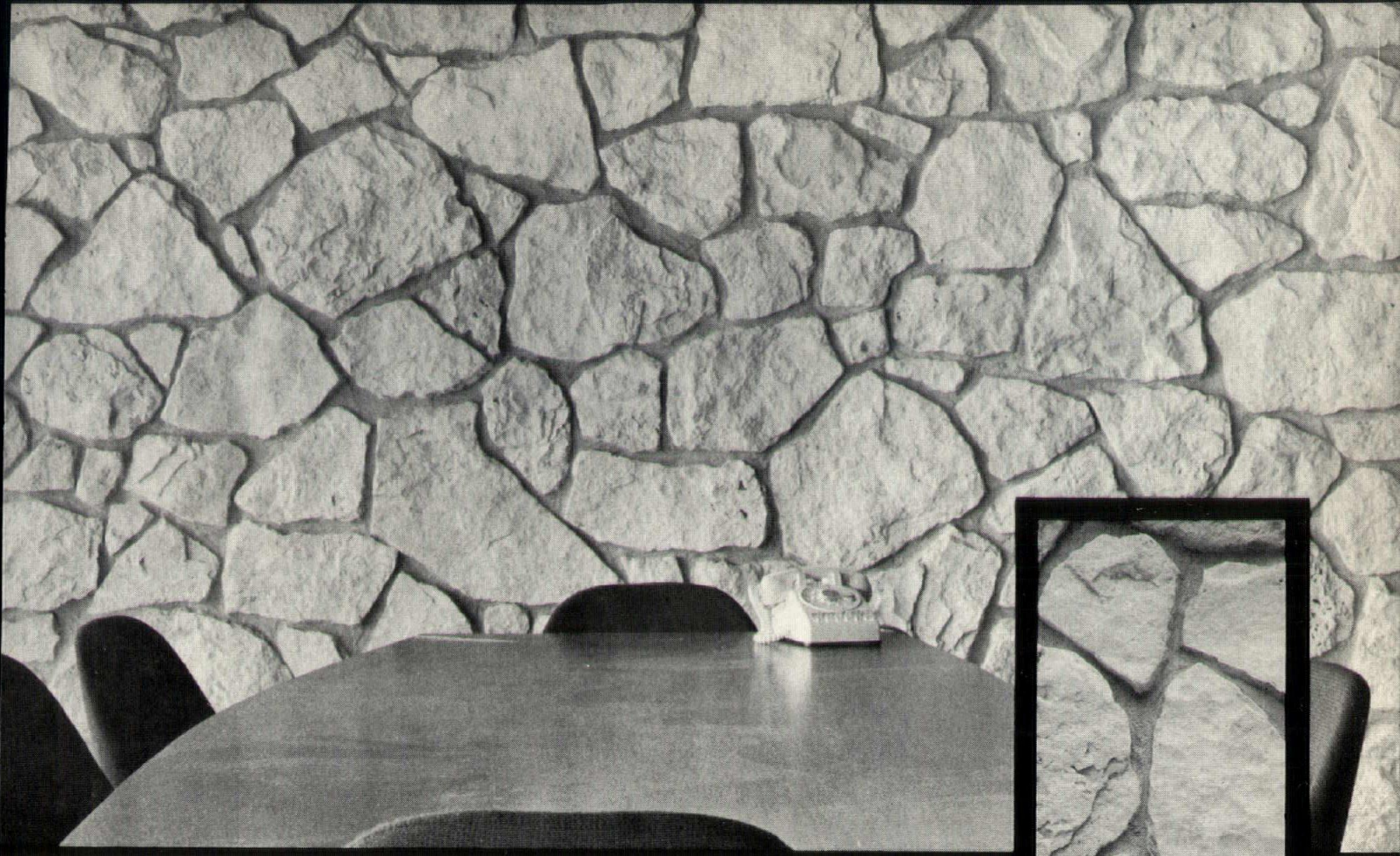


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View of conference room at Ebling, Plunkett, Keymar, Reginato and Asso. AIA
Contractor: Moran Construction

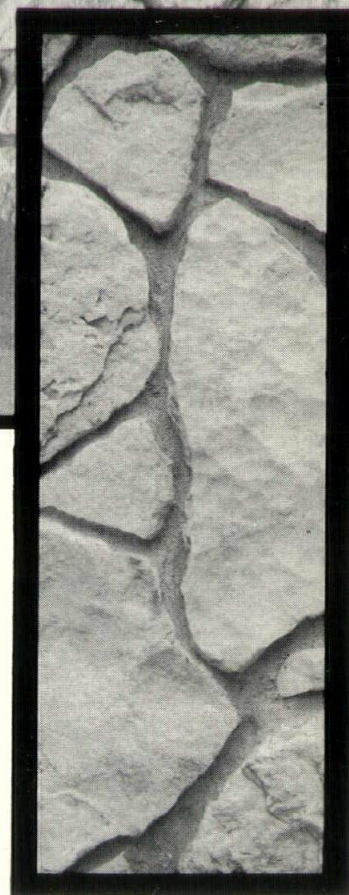
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closeup of awl
section to show
detail in stone work

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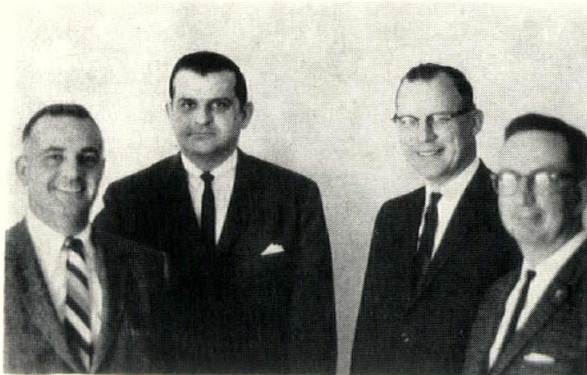
about highly successful techniques in the use of fuel oil, write or phone Wisconsin Petroleum Association, 318 Tenney Bldg., Madison, Wis. 53703, Phone 608-257-1222, or National Fuel Oil Institute, Inc., 60 E. 42nd St., New York 17, New York.

Today fuel oil is employed in many revolutionary ways. There's the new Bergan High School in Peoria, Ill., with its oil-fueled on-site power system for heating and power generating, which produces its own electricity at a substantial saving. There are entire subdivisions which draw fuel oil from a central storage area, apartment buildings with central oil-heating systems with new-type individual unit controls, oil-powered turbine installations that convert the waste heat into space heating or air conditioning. These are just a few of the many new fuel oil developments.

FUEL OIL DEALERS of WISCONSIN

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The second portion of the stimulating discussion titled Environment, Society, Architecture by Alfred Shaw, FAIA begun in the December WISCONSIN ARCHITECT will be concluded next month.



Newly elected officers of the Wisconsin Chapter, American Institute of Architects, recently met at an Executive Committee meeting. From left to right: Vice-president Mark A. Pfaller, Secretary-Treasurer Emil Korenic, President Leonard H. Reinke and past President Allen J. Strang.

THE ARCHITECT



JANUARY, 1964

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Photos: Big Cedar Studios

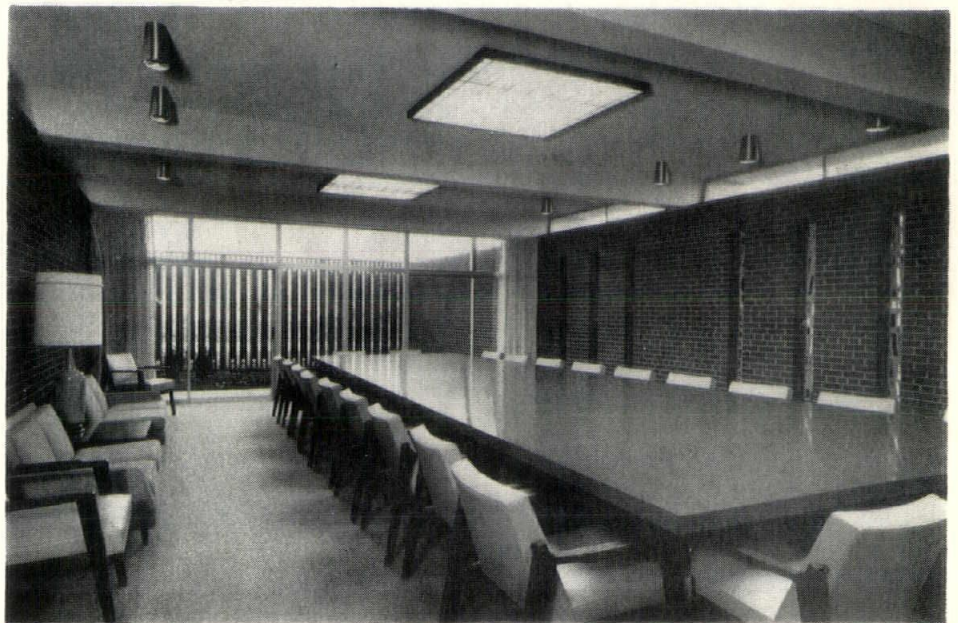
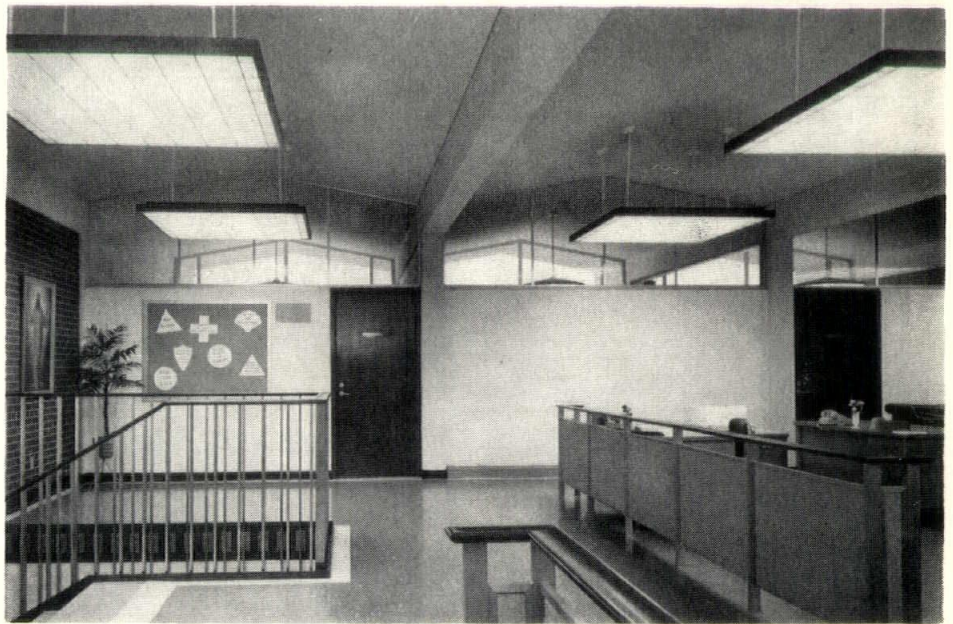
LUTHERAN CHURCH-MISSOURI SYNOD

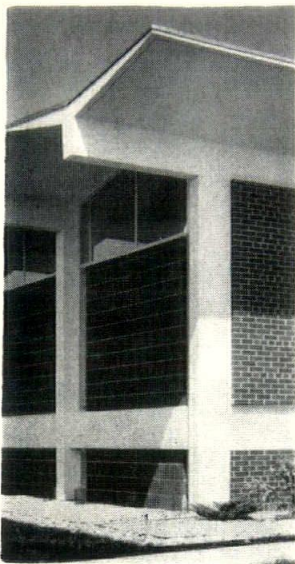
VON GROSSMAN, BURROUGHS AND VAN LANEN, ARCHITECTS

1963 HONOR AWARD

The architects for the religious headquarters building of The Lutheran Church-Missouri Synod, Von Grossmann, Burroughs and Van Lanen, were presented by the owners with eight basic requirements. Generally they were to design a building that should express its purpose in a simple, dignified manner. Specifically, they were to provide space for the use of a central pool of secretaries to serve the officers in a flexible manner, a basic module for offices to establish equality, a center for reviewing books, slides and films, a large meeting room area for 200 persons, served by a catering kitchen, an important Board room, off-street parking and control of public access.

The jurors of the 1963 Honor Awards Program, Alfred Shaw, FAIA, Harry Weese, FAIA and Ralph Rapson, AIA were impressed. They commented: "Thoughtful and sensitive handling of a special office function. Appropriate character contributes to a semi-religious function. Introverted and quiet. Plan straightforward. Location of Board room at intermediate level gives balance to massing of building, is important to this function, and gives appropriate stature to this part of the plan. Details and structure handled with care and ability. Materials are used with logical economical simplicity. Design of the Cross backs up main structure of the building."





The site at 8100 W. Capitol Drive in Milwaukee was relatively level. Since most of the commercial structures on this thoroughfare are built close up, the architects purposely placed the building well back to provide a changing vista and a green carpet in front. The lot extends between two streets, so that the building is viewed from four directions. To further compete for identity on this commercial street, it was decided to use simple but meaningful forms. The flat, arched bays have a Gothic form which together with the the Cross and slab glass windows of the Board Room suggest a religious use.

To avoid a two story building, which was not compatible with the character desired, and since a basement was not required, the architects decided on a split level arrangement that allowed for one flight of stairs to offices or to assembly. The Board Room was kept at ground level to separate it from office areas and to provide a point of interest for visitors. It was designed as the focal point in the building with slab glass windows providing restrained areas of color.

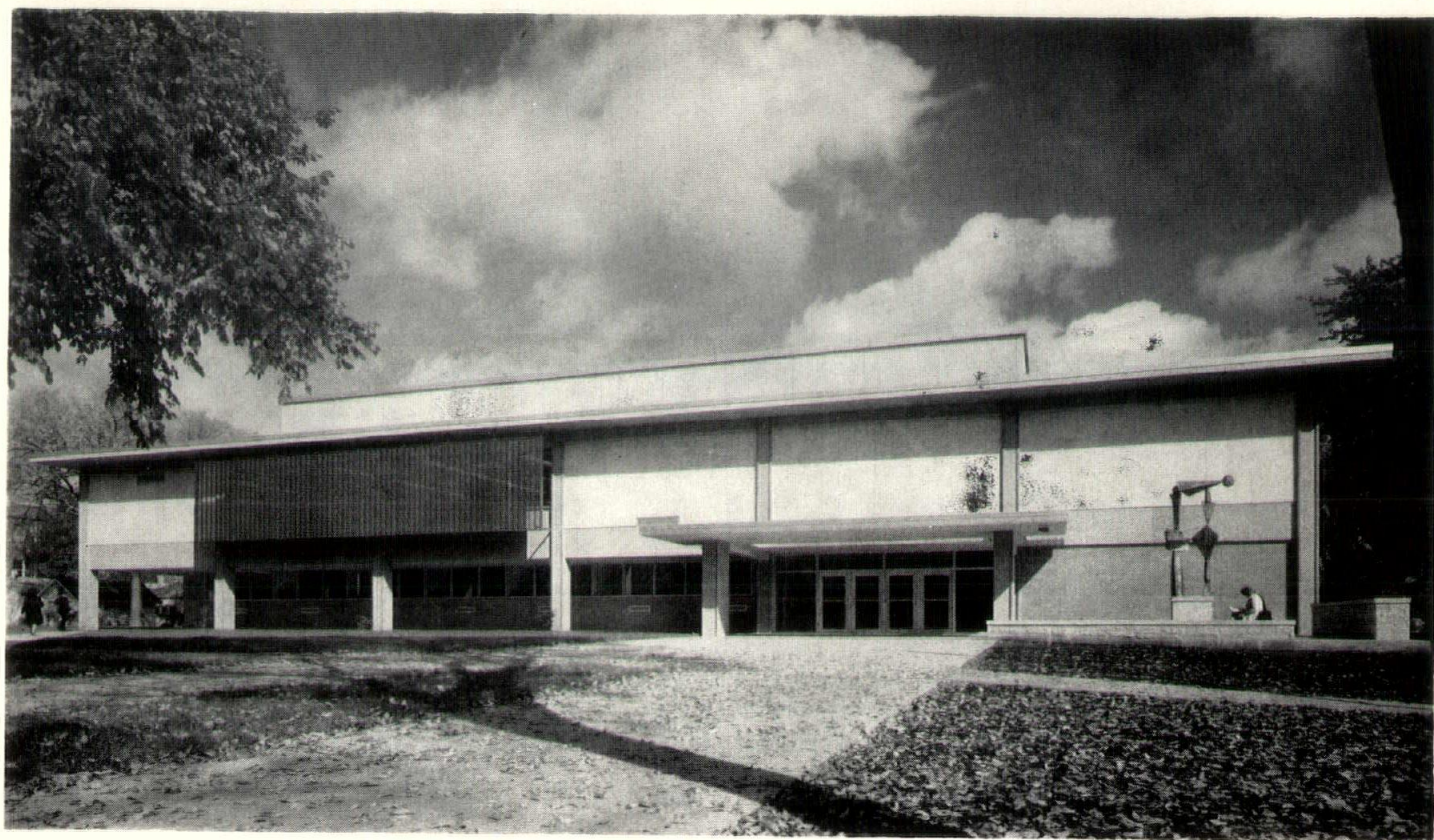
A landscaped court was created to give added dimension to the Board Room. This court features a metal sculpture as a Memorial to the Pastors and Teachers of the District.

The building construction was originally designed for precast members, but poured concrete which was considerably less costly was finally accepted. The roof of the office portion is of poured concrete, floors are of precast concrete or poured on grade and the Board Room is of wall bearing construction with precast roof.

Dark red-brown brick was used for the exterior. The concrete frame has been painted in a warm white color to accentuate the structure. For continuity, all interior beams and columns are also painted white.

The exterior walls are of solid brick or brick with light weight block back up. The panels of brick in the bays are soldier courses in stack bond. All interior walls are of painted, exposed block. An acoustic plaster ceiling is applied directly to the surface of the concrete roof. All floors are of vinyl on concrete, except for the Board room floor which is carpeted.





Hedrich-Blessing
Photos: Hube Henry

FORREST R. POLK LIBRARY/Irion and Reinke, Architects

If a library is to function as the intellectual resource center of a college, it must afford the student maximum opportunity for individual study and research. To make the Forrest R. Polk Library in Oshkosh such a center, college and library officials instructed their architects, Theodore H. Irion, AIA and Leonard H. Reinke, AIA, to design a building which would give students freedom of movement, space to study, and a maximum of privacy.

The architects were to design a building which ultimately would house 430,000 volumes including the Government Depository, and provide study space for 953 students, satisfying the needs of a projected enrollment of 5,000.

The expected enrollment by 1968 is 3,500 students requiring space for 200,000 volumes and study space for 700.

The main consideration in the design of the building was to place a large working capacity of books readily available to the student body and faculty

and to afford a maximum of control of both students and books with a minimum of staff. "The basic elements of the design hinge on this proposition," said the architects.

They succeeded by giving each library department an independent location. In reality, they created a series of small, specialized library units, each readily accessible to the others. Because each collection has its own location, students are dispersed throughout the library according to material being used, which keeps the concentration of students in any one area at numbers conducive to effective study.

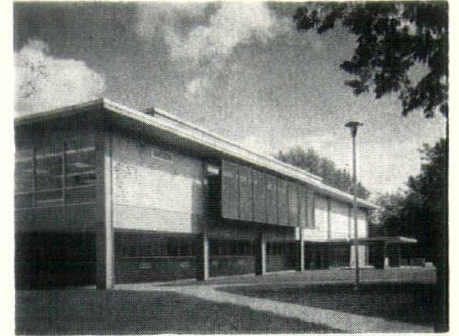
A circulation desk on the second floor is a focal point, and a point past which patrons pass on their way to the library's general collections, which are shelved on the second and third floors. Units on the second floor include the card catalog, reading rooms, general reference books, current periodicals, part of the general book collection, a

cataloging room, several offices, and the Putney Reading Room, housing a special collection of books on Wisconsin history and of books by Wisconsin authors.

The third floor of the library houses part of the general book collection and back files of periodicals. The remainder of the third floor is occupied by eighty-three study carrels, available to students for private study.

The first floor contains a reserve book room, a special service unit of the library, housing books needed by students to complete special class assignments, two classrooms especially designed for library science courses and several standard class and seminar rooms. These ultimately will be converted into library facilities should the enrollment approach the expected number of 5,000.

The lower level of the building houses the archives of the college, a depository for historical materials of the



Wisconsin State Historical Society and many valuable papers, original documents, records and selected books. This floor is the only restricted area in the entire building.

The basic design is a skeleton construction of reinforced concrete in bays 22'-6" x 27'-0". First and second floor have a clear height of 10'-0". Basement and third floor have a clear height of 8'-0". The total outside dimensions of the building are 164'-0" by 159'-6".

The columns, floors, roof and basement foundation walls are all reinforced concrete. This allows complete flexibility in room arrangement and furniture arrangement. All book stacks and furniture can be moved and relocated as conditions warrant.

The exterior facing materials are brick and stone to harmonize with other campus buildings.

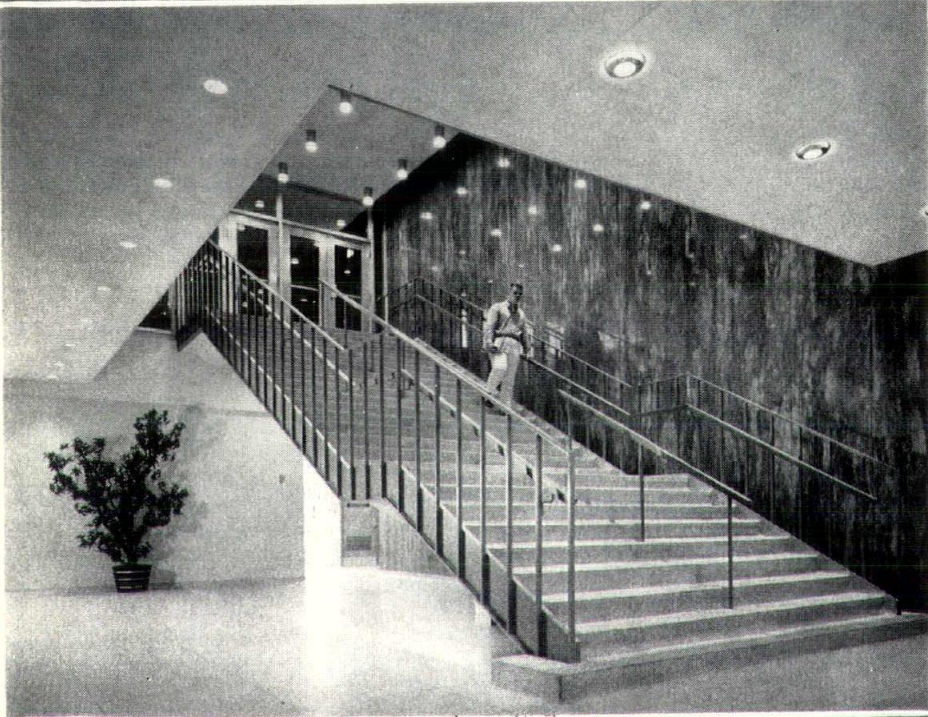
Windows are of aluminum, and of sufficient size to provide adequate light for reading.

A built-up roof was applied, and the foundations are thoroughly waterproofed.

All floors are covered with resilient materials, except the basement which is of concrete.

Interior walls vary in treatment; some are of exposed lightweight concrete block, others are plastered, and some wood paneling is introduced for interest.

Artificial illumination for the most part is fluorescent light. Some incandescent fixtures are installed for atmosphere and special spots.



chapter Notes

The Executive Committee of the Wisconsin Chapter, A.I.A. met at the Skygarden, Sheboygan, Wisconsin, on November 8, 1963 with the following present: Allen J. Strang, Leonard H. Reinke, Lawrence E. Bray, Robert C. Cashin, Joseph Durrant, Paul H. Graven, Roger M. Herbst, Emil Korenic, Robert G. Sauter, Al. J. Seitz and A. A. Tannenbaum.

The Sections all reported on current activities. New officers for 1964 have been or will be elected.

The Ruberoid Competition for the Northwestern Depot Site in Milwaukee was discussed at great length. The Ruberoid Company had withdrawn its offer to sponsor such a competition. It was decided that both Representative Henry S. Reuss and the Ruberoid Company will receive the commendation of the Chapter Executive Committee for their efforts to promote this competition.

The usual progress report of the 1964 Convention Committee was heard. Speakers have been accepting the challenge of the convention theme and plans are very much in accordance with the time scheduling.

The by-law changes, preparatory to presentation to the membership at the annual membership meeting, were approved. All members will receive the amendments considerably before the convention. Each will be requested to forward, in writing, any comments on the changes. This will expedite the business session at the convention.

The 1964 Chapter Officers Nominating Committee made its report. By unanimous approval the report was accepted and, again unanimously, the recommended officers were elected. President for 1964 will be Leonard H. Reinke of Oshkosh, Vice-President, Mark A. Pfaller and Secretary-Treasurer will be Emil Korenic, Madison.

The meeting was adjourned at 3:30 p.m.

PROGRESS REPORT ON THE 15TH ANNUAL CONVENTION

Mr. Carl W. Condit of Northwestern University will keynote the 1964 Wisconsin Chapter, A.I.A. Convention. Mr. Condit is a historian of building technology and will emphasize the historical and technical aspects of architectural development. The Convention theme, ARCHITECTURE: MEN AND MEANS, will be pace-set by Mr. Condit on Tuesday, April 28, 1964.

Victor Lundy has consented to make his first public appearance in over three years at our 1964 convention. This renowned architect will speak on his architectural conspectus. Mr. Lundy, well known for his wood techniques, will apply his vast design experience to the subject of concrete.

Banquet speaker will be Karel Yasko. The eloquent Mr. Yasko will emphasize and expand the scope of the theme.

Many and unique product exhibits are scheduled for the convention. Booths will be staffed with personnel capable of explaining the advance in construction science. These knowledgeable people will be well able to assist you with any difficulties you have experienced.

All additional convention enticements are progressing well. This will be THE BEST CONVENTION in our history.

Plan to close your office — attend the convention at Lake Lodge, Delavan — April 28 - 30, 1964.

welcome aboard

NEW CORPORATES:

William L. Guerin

Born — February 19, 1929, Milwaukee
Resides — 11521 North Oriole Lane 20W Mequon

Firm — Charles H. Harper Associates, Milwaukee

Degree — B. A. University of Minnesota
Joined the Wisconsin Chapter, A.I.A. as a Junior Associate in 1958. Advanced to Corporate from that classification.

Glen H. Scholz

Born — June 1, 1929, Milwaukee
Resides — 4753 No. 71st Street, Milwaukee

Firm — Glen H. Scholz, Architect, Milwaukee

Degree — B.A., Kansas State University
Joined the Wisconsin Chapter, A.I.A. in 1958 as a Associate member and is advancing to Corporate.

JUNIOR ASSOCIATE

JOHN T. MAHER

BORN — Milwaukee, February 4, 1940
RESIDES — 3509 W. Chambers Street, Milwaukee

FIRM — Tannenbaum and Koehnen, Milwaukee

DEGREE — B. A. of Arch., University of Illinois

Was a member of the University of Illinois Student Chapter from 1958 to 1963.

news notes

The firm of Durrant and Bergquist, Architects and Engineers, of Boscobel, Wisconsin and Dubuque, Iowa has announced the establishment of an additional office at Watertown, Wisconsin. Mr. Jerold W. Dommer, one of the five partners of the firm, will be in charge of the new office.

The office will be completely staffed to provide professional architectural and engineering services and to complement the present established organization in Wisconsin and Iowa.

The partners of Durrant and Bergquist have planned the additional office to accommodate expansion of their growing practice. Operations in the Watertown office will commence January, 1964.

The founder of the original firm, Joseph G. Durrant, A.I.A. started the practice of architecture in Boscobel in 1933 in the Boscobel State Bank Building.

In 1945 the partnership of Durrant and the late Raymond Bergquist was formed and another office was established in Dubuque, Iowa in 1948. The firm continued to expand and increase its area of operation and now consists of five active partners: — Joseph G. Durrant, George E. Deininger, Jerold W. Dommer, Donovan D. Kramer and Gene P. Gordon. All partners are members of the American Institute of Architects and are active in Chapter affairs and committee work.

The staff consists of 35, including registered architects and engineers, graduate architects, designers, and specialists in building programming, equipment and construction. During the past 30 years the firm has been engaged in planning and design of all types of building and has specialized in the design of schools, hospitals, nursing homes and institutional type buildings.

WISCONSIN CHAPTER AIA HONOR

AWARDS PROGRAM 1964 CLOSING

DATE for all entries is FEBRUARY

14, 1964. All entries must be received

not later than that by the Wisconsin

Chapter, AIA, 3902 N. Lovers

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wisconsin architects' foundation

RICHARD C. JOHN
CERTIFIED PUBLIC ACCOUNTANT
MILWAUKEE, WISCONSIN

December 14, 1963

Wisconsin Architects Foundation
Milwaukee, Wisconsin

Gentlemen:

Inclosed is your "Federal Return of Organization Exempt from Income Tax" for your fiscal year ended June 30, 1963.

Your books and records show an increase in assets during the year from \$8,900.75 to \$10,545.95. Of this latter amount, \$8,500. is deposited in various savings and loan associations. Your Board has designated \$6,000. of these deposits as a permanent investment and \$500. as a Scholarship Fund of the Southeastern Wisconsin division of the Women's Architectural League.

During this fiscal year, contributions amounted to \$5,332.83. Scholarships were awarded in the amount of \$3,200. and other grants and awards amounted to \$221.88. This information was not verified by audit examination. However, I found nothing which would require me to take exception.

Miss Dorothy Schweitzer is to be commended for her careful and interested management of the Foundation's affairs.

Very truly yours,

Richard C. John

Holiday Greeting Cards

Wisconsin Architects' Foundation is pleased and grateful to announce the purchases of its 1963 Holiday Greeting Card:

Architects:

John E. Somerville Associates, Inc.; Willis and Lillian Leenhouts; Frederick J. Schweitzer; Joseph G. Durrant; Herbert J. Grassold; Robert W. Kemp; Herbst, Jacoby & Herbst, Inc.; Von Grossman, Burroughs, Van Lanen; Weiler & Strang & Associates; E. F. Klingler & Associates; Howard W. Phillips; Mr. and Mrs. John Messmer; Sheldon Segel; Frank C. Shattuck; Mr. and Mrs. Nathaniel W. Sample; Sauter-Seaborne; Cashin, Goodwin & Associates, Inc.; Maynard W. Meyer & Associates; Graven, Kenney & Iverson; Lawrence E. Bray; Mr. and Mrs. Jack R. Kloppenburg; Leonard H. Reinke; Mr. and Mrs. Charles Burroughs; Tannenbaum & Koehnen; Schweitzer-Slater Associates; Lefebvre, Wiggins-Lublin, McGaughy; Mr. and Mrs. Fritz von Grossmann; (Dorothy Schweitzer).

Organizations Allied with the Profession:

Daily Reporter; Sheet Metal Workers Intl. Union Local #24; Western Builder Publishing Co.; E. G. Artz, Inc.; Mosaic & Art Glass Studios, Inc.

While it is true that the gross receipts more than covered the expense of this fund-raising project, it was disappointing that such a small percentage of the State membership responded. It is felt that the Corporate members failed to realize the importance of fund-raising to provide the Foundation with money for its dual purpose program of tuition aid and imminent effort to establish a College of Architecture in Wisconsin. For the individual architects and firms, the cards could have served as a fine public relations medium. In the almost universal use of cards at Christmas time a card with a purpose would have served more impressively than a commercial one. Had there been any criticism, but there was none, it would be easier to understand the disappointing acceptance of the card, the print design of which complimented the work of a young Wisconsin artist.

Contributions

As of December 15th, the following contributions in relation to this fundraising project had been made. As more contributions had been promised for later in the month, this list and its additions will be published in the February issue.

Architects:

Eschweiler, Eschweiler & Sielaff

Harry Bogner

Organizations Allied with the Profession:

Daily Reporter; Sheet Metal Workers Intl. Union #24; Milwaukee Area Bureau for Lathing & Plastering, Inc.

Please note there are repetitions under Organizations Allied in both the card purchase list and the contributions. To Daily Reporter and the Sheet Metal Workers Local #24 we owe our special thanks. It should be mentioned also that the Daily Reporter and Western Builder in its publications were generous in publicity for the Foundation.

Survey

The Foundation has just completed a survey of the 54 accredited colleges of architecture in the United States to determine the number of Wisconsin students currently obtaining architectural training out-of-state because Wisconsin has no college of architecture. The purpose was to provide tangible evidence for the necessity of a college in Wisconsin, and to effect liaison with the students and the Wisconsin Chapter A.I.A., the latter facet of the survey having had the encouragement of former Chapter President Allen Strang. It was surprising to discover that more than 150 Wisconsin students of architecture are enrolled out-of-state. To this amount could be added a countless number of potential students who gave up the idea of a professional education because of the excessive cost of matriculating out-of-state.

THIS IS WHY THE FOUNDATION NEEDS YOUR HELP!

Wisconsin Architects' Foundation
4685 N. Wilshire Road
Milwaukee 11, Wis. WOodruff 2,5844

Congratulations are extended to Miss Dorothy Schweitzer for the continued excellent work she has done in 1963 in organizing, directing and furthering the vitally important functions of the Wisconsin Architects' Foundation. It is a work she has pursued tirelessly, and by the nature of the work it is largely a thankless task. However, the results speak for themselves in part, in the letter by accountant R. C. John, reprinted at the top of the preceding page.

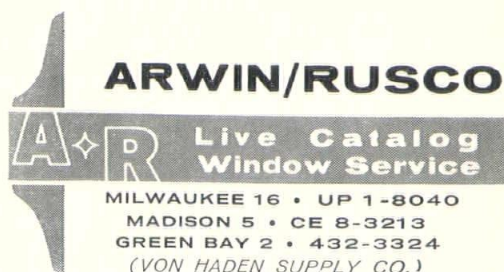
The Editors.

RUSCO WINDOWS

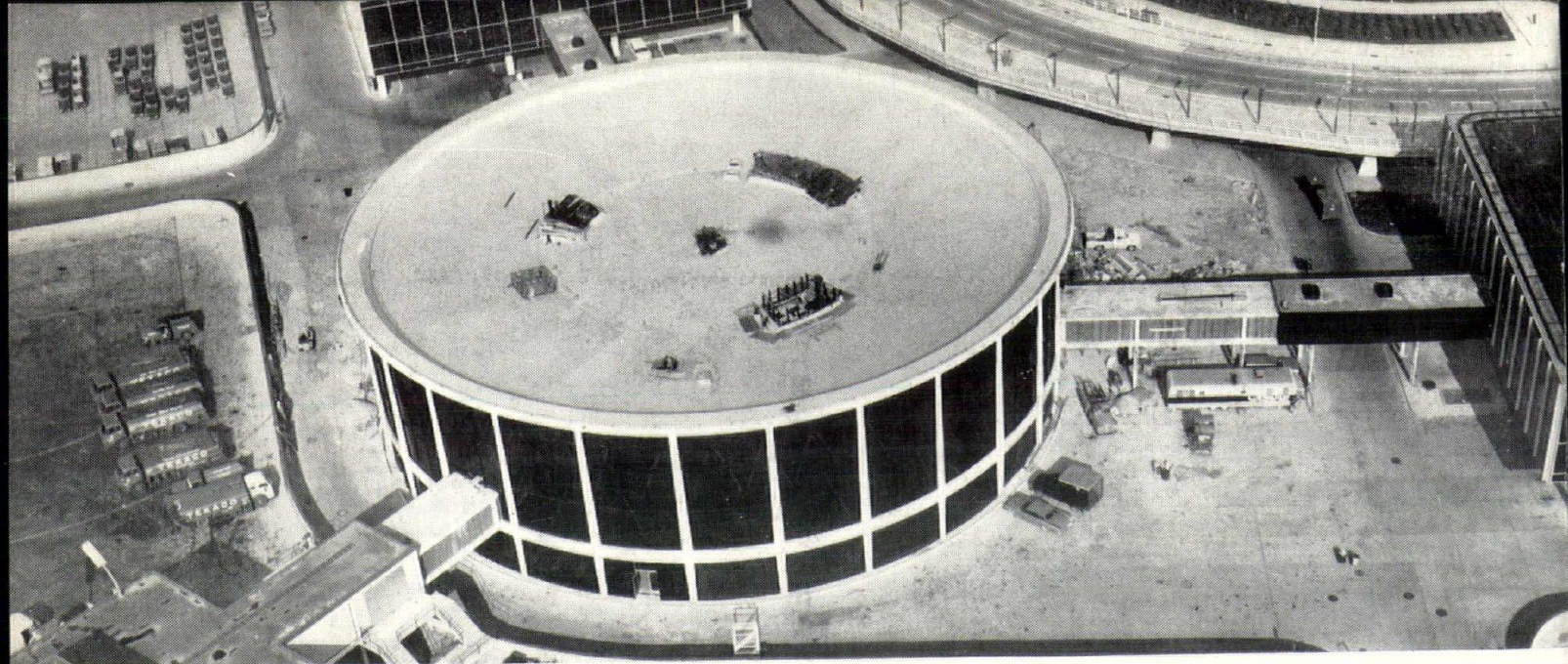
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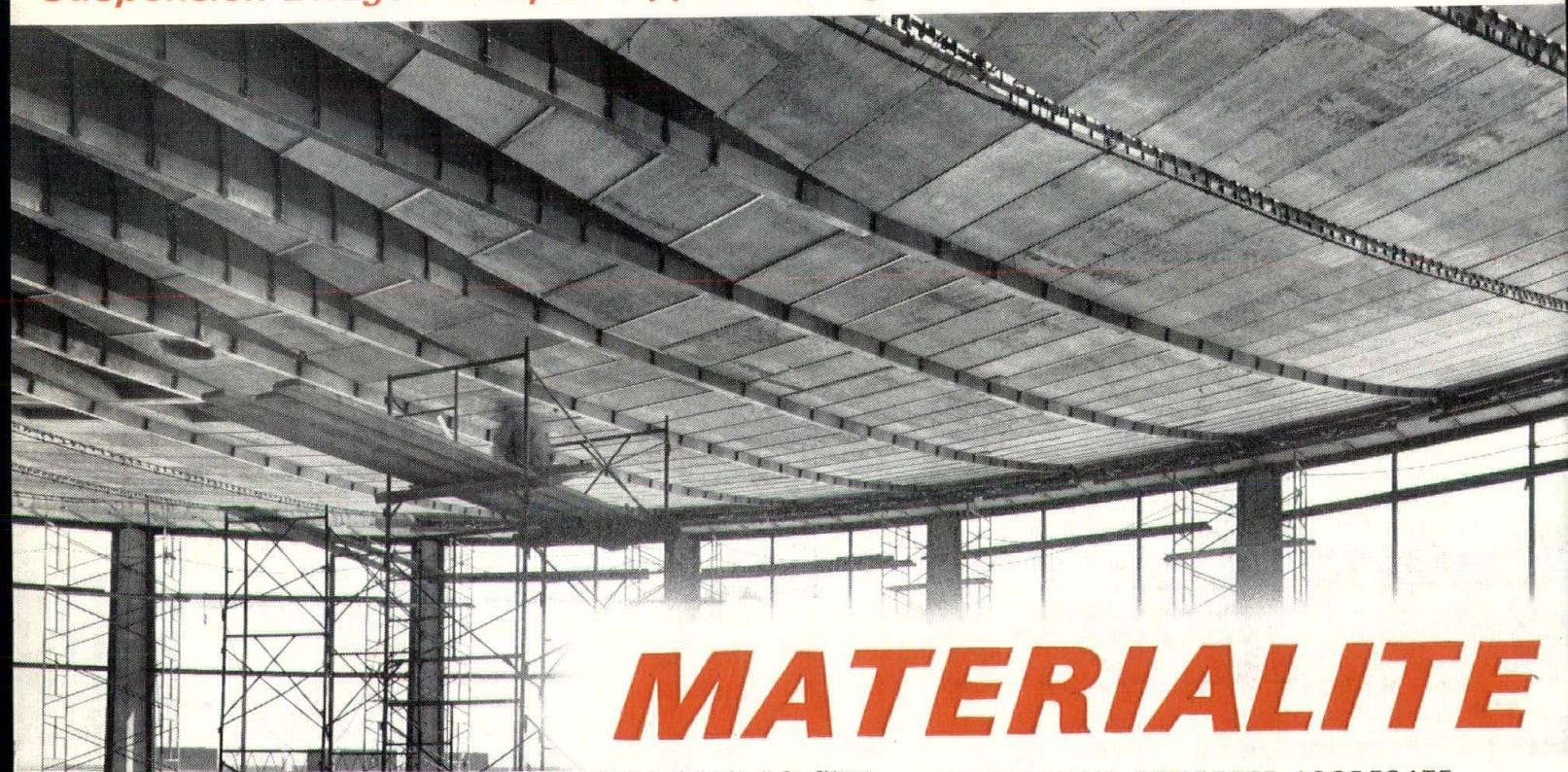
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Suspension Bridge Principles Applied to Lightweight Concrete Roof Construction



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